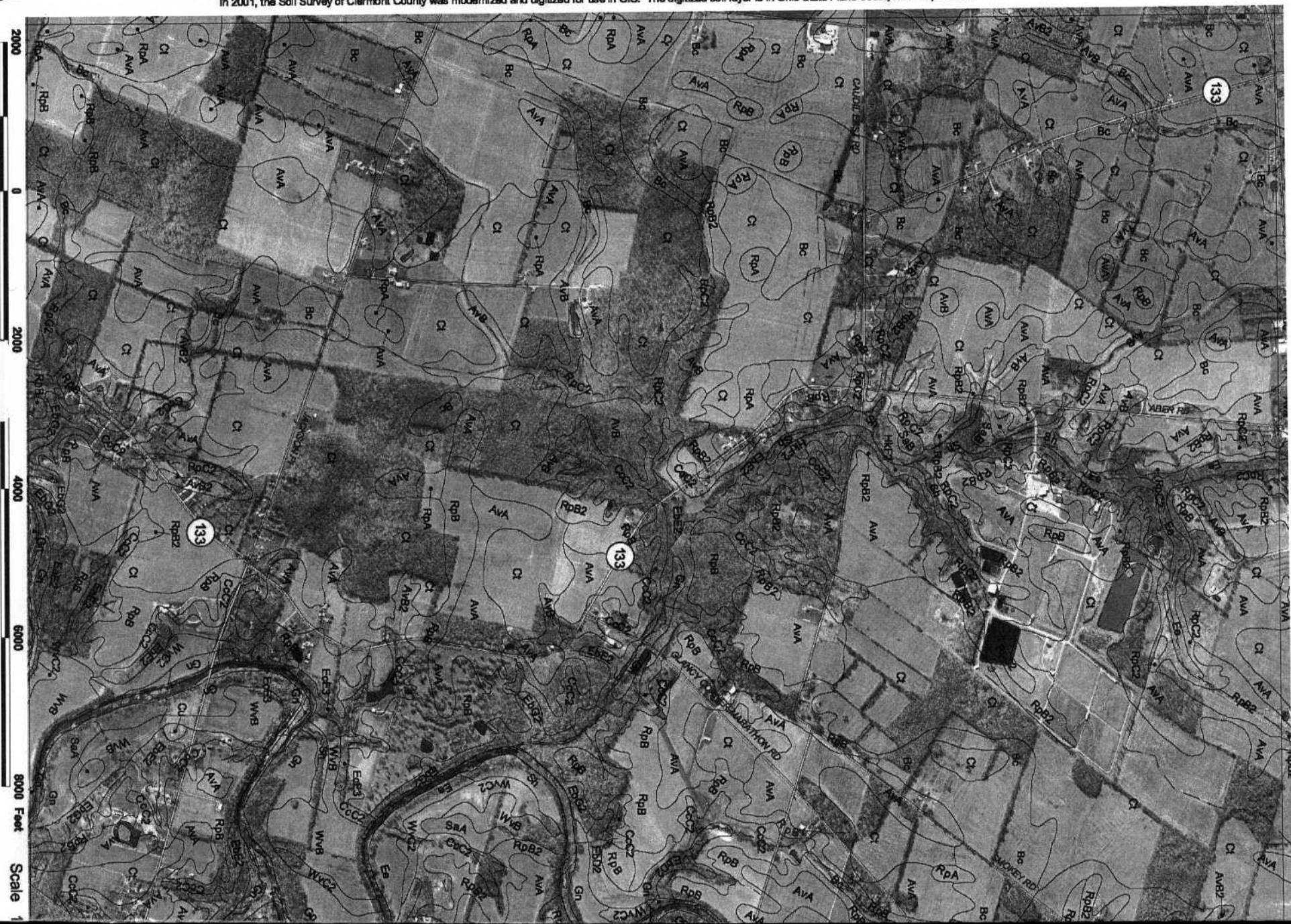


Imagery from 2003 Clermont County GIS Digital Orthos. The Soil Layer was compiled in 1973 as part of a soil survey by the United States Department of Agriculture, Natural Resource Conservation Service, Ohio Department of Natural Resources, Division of Soil and Water, and the Agricultural Research and Development Center. In 2001, the Soil Survey of Clermont County was modernized and digitized for use in GIS. The digitized soil layer is in Ohio State Plane South, NAD 83, Meters.

(Joins sheet 15)





Dominant Soil type... Alfisol

Suborder Udal... Alfisol of humid Climate

Moderately leached formed under Forest Subsurface where clays accumulate

Note... if concerns over fragipans exist

Note presence of seasonal perched water table... Surface applied

Fertilizers are transported laterally via Perched Water tables... often present Dec - May

Fragipan... loamy brittle subsurface soil

low in porosity, organics, low-mod. clay, high silt/very sand. Appears cemented, restricts roots. Dry

hard-v. hard. Bulk density higher than horizons above/below.

Ruptures when moist no plastic def.

1 = Silt loam

2 = loam

3 = silty clay loam

4 = sandy loam

5 = clay loam

6-9 = Varies

Ct = Cle1A

AvA = Fluvic Silt loam 0-2% Slope Minimal Erosion  
Poorly drained; clayey subsoil at 2' L.M. its root penetration + percolation

RpB2 = RossMoyn Silt loam 2-6% (B) Slope soil, eroded (?)  
(Loess)

A = flat ; G = steep

Fragipan noted at 1½-3'  
immediately below loess -  
Till contact... impedes  
roots... penetration of water  
Poor Septic tank fields...  
"No" drainage...

hosts  
Seasonal  
High Water  
Table

(Joins sheet 20)